

Terwilliger Fire

Turn-Back Standards

McKenzie River Ranger District
Willamette National Forest

Draft: September 02, 2018

Approved By:_____ Date:_____

Darren Cross, District Ranger

Approved By:_____ Date:_____

Randy Harbick, District Fire Management Officer

The District is willing to take command of the Terwilliger Fires when the following standards are met. These standards may be adjusted and modified as the incident progresses, but are intended to give the IMT direction for planning. Suppression repair standards will be outlined in the suppression repair plan.

Fire Suppression

- Mopup all primary containment lines outside of wilderness to the degree necessary to make the likelihood of escape very low, based on terrain, fuel type, fuel conditions, current and expected weather, and risk exposure to firefighters.
- Fire perimeter near or located adjacent to private land should be given high priority and mopped up to the degree necessary to make the likelihood of escape very low.
- Generally, mop-up of fires in wilderness will not be required. The Forest will accept the fire when Infrared signature on ~~each~~ the fire is such that likelihood of escape is very low or when the lines on the map have been colored brown (limited risk, limited exposure).
- If locations with a moderate to high IR heat signature are within wilderness or difficult to access, it is understood that some portions of the fire perimeter may remain unsecured. These locations should be identified ~~and~~ , mapped and provided to the District for further decision-making on the appropriate action ~~to take, if any.~~
- ~~Outside of wilderness, achieve 100% mop-up along and inside the fire-perimeter along containment lines to a distance that is adequate to ensure the perimeter is secure to prevent the fire from escaping or spotting across existing containment lines.~~
- To reduce hazards to firefighter during the final mop-up, fall snags that pose “imminent” danger (ref. field guide for danger tree identification and response, R6-NR-FP-PR-01-08) along all open roads within the fire perimeter. Consult resource advisors where hazard mitigation is required at or near developed recreation sites.

- Document the final fire perimeter (map and GIS data), fire control lines created or improved, drop points, helispots, spike camps, water sources used, and other spatial fire suppression features.
- Fire perimeter near or located on private land should be given high priority and mopped up to the degree necessary to make the likelihood of escape very low
- Remove all flagging and non-essential signs.
- Leave water handling equipment in place until infrared signature has been verified as low likelihood of escape, and District Fire Management Officer has concurred with removal. Document the location of all water handling equipment being left in place.
- Remove all non-essential equipment and garbage.
- Document the location and serial numbers of all accountable property.
- Fall all trees and snags that represent a hazard to firefighter safety on road system during ongoing mop-up, patrol, and repair operations. To the greatest degree possible cut and sort trees to these standards:

Merchantable Logs:

- o Log lengths (please maximize the length of log whenever possible):
 - 41 feet – Most preferred length
 - 37 feet
 - 27 feet
 - 18 feet – Least preferred length
- o Minimum diameter is 7 inches.
- o Process to a 6 inch top.
- o Process unburnt trees on the unburnt side of the fireline.
- o Process burnt trees on the burnt side of the fireline.

Fish Logs:

- o Highly defective logs, logs with significant amounts of char and all hardwoods will be sorted for fish logs or firewood.
- o Process to 50 foot log lengths whenever possible. Minimum length of 40 feet.
- o No top diameter limit.
- o Minimum diameter is 20 inches.

Log Decks:

- o Deck unburnt trees on the unburnt side of the fireline.
 - o Deck burnt trees on the burnt side of the fireline.
 - o Deck fish logs separately.
 - o Deck Firewood separately.
 - o Keep processed slash out of decks and off roads.
 - o Minimize decking area as much as practicable. Utilize existing openings if possible. Decking logs in ditch lines is acceptable.
 - o Deck as many logs as practicable in one deck without blocking the road.
 - o Keep in mind that a self-loading log truck will be loading and hauling the logs so place logs within reach of road ways.
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- Ensure that all documentation and mapping products are updated including the up to date financial documentation package.
 - Close out the land use agreements unless an exception is requested.
 - List all resources that will remain.
 - Update the Doc boxes including the up to date financial documentation package.
 - For unsecured line, plan in place that describes weather scenarios, potential fire growth, trigger points and resources necessary to implement trigger points.

Fire-Specific Suppression Repair

- Suppression repair is covered in separate Terwilliger Fire Suppression Repair Plans.

